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ENKEL 8335



#15/B
Hawkins
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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF

ERLAND SORENSEN

SERIAL NO: 09/554,905

FILED: JULY 26, 2000

: EXAMINER: MULLINS, B.

: GROUP ART UNIT: 2834

FOR: METHOD AND A SYSTEM FOR SPEED
CONTROL OF A ROTATING ELECTRICAL
MACHINE WITH FLUX COMPOSED OF
TWO QUANTITIES

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OFFICE OF PETITIONS

SIR:

In response to the Office Action dated March 4, 2002, please amend the above-

identified patent application as follows:

IN THE CLAIMS

Please amend Claims 33-45, 47, 49-54 and 67 as shown in **clean form** below. A marked-up copy of the amended claim is attached hereto.

--33. (Once Amended) A system configured to control a speed of a rotating electric machine, comprising:

a flux generation mechanism configured to generate a stator flux and an air gap flux of the rotating electric machine during operation of the rotating electric machine, the stator flux and the air gap flux providing a flux having at least two vectorial quantities, wherein

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